

ISTQB AI Testing 2.0 (CT-AI) (3 days)



6 h / day



5-10 persons



FIN / ENG



ENG

The ISTQB® Certified Tester AI Testing (CT-AI) v2.0 certification focuses on testing AI-based systems, including machine learning systems and generative AI systems such as large language models. It provides the knowledge required to design and execute tests for AI-based systems, addressing their specific characteristics, including probabilistic behavior, non-determinism, and reliance on data. It also introduces AI-specific quality characteristics relevant to testing AI-based systems.

The syllabus follows a lifecycle-based approach, including input data testing, model testing, and ML development testing, together with relevant test approaches for modern AI-based systems.

Note: The CT-AI v2.0 certification replaces CT-AI v1.0.

- **Target group**
 - Individuals involved in testing AI-based systems, including testers, test analysts, and test engineers; Test managers; Test consultants; Data analysts and data scientists; Software developers involved in developing AI-based systems; and User acceptance testers.
- **Prerequisites**
 - Exam candidates must hold the ISTQB® Certified Tester Foundation Level certificate. As the course material and the certification exam are in English, the participants are expected to have good command of English language.

Contents:

- Introduction to Artificial Intelligence
- Quality Characteristics for AI Based Systems
- Machine Learning
- Testing AI-Based Systems
- Input Data Testing for Machine Learning Systems
- Model Testing for Machine Learning Systems
- Machine Learning Development Testing

For more detailed description of the course contents, please visit <https://www.istqb.org/certifications/certified-tester-ai-testing-ct-ai/>